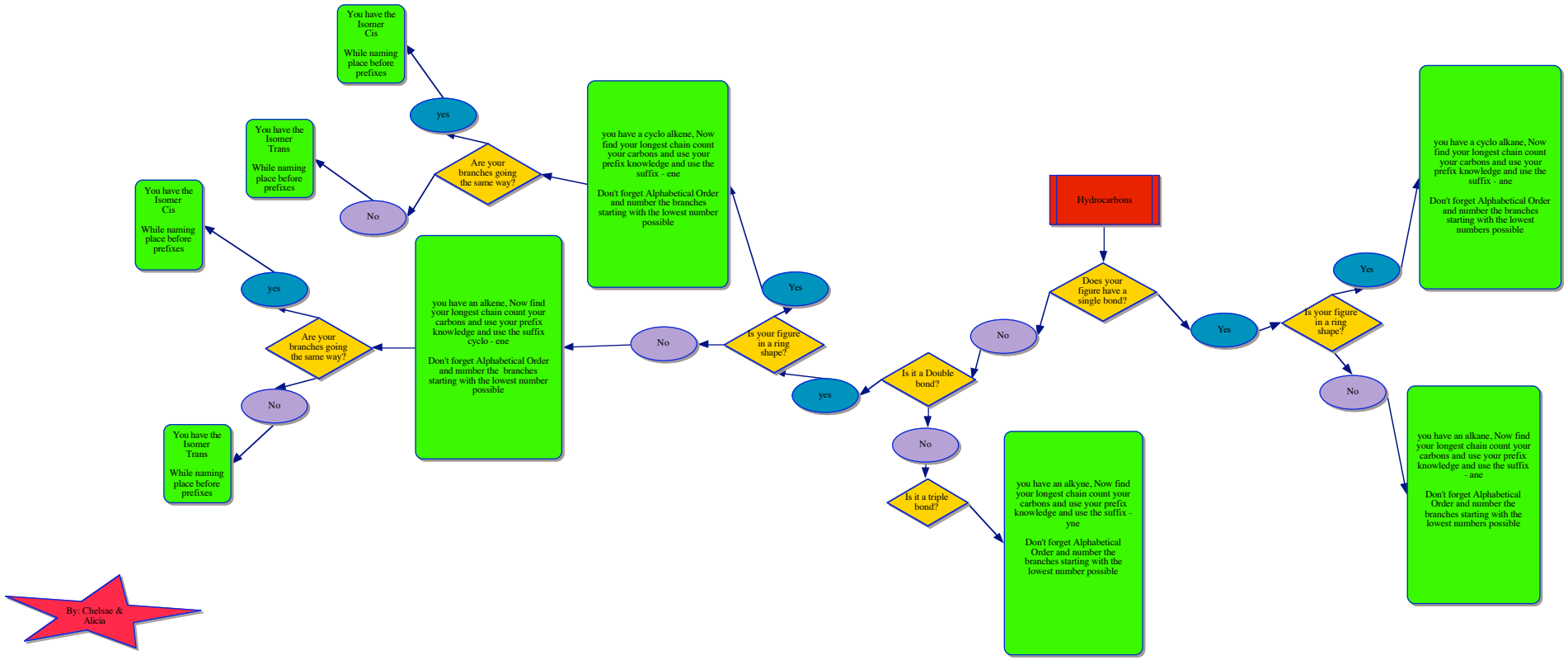
Hydrocarbons
Does your figure have a single bond?
Yes
No
Is your figure in a ring shape?
Yes
No
you have a cyclo alkane, Now find your longest chain count your carbons and use your prefix knowledge and use the suffix - ane
Don't forget Alphabetical Order and number the branches starting with the lowest numbers possible
you have an alkane, Now find your longest chain count your carbons and use your prefix knowledge and use the suffix - ane
Don't forget Alphabetical Order and number the branches starting with the lowest numbers possible
Is it a Double bond?
yes
No
Is it a triple bond?
you have an alkyne, Now find your longest chain count your carbons and use your prefix knowledge and use the suffix - yne
Don't forget Alphabetical Order and number the branches starting with the lowest number possible
Is your figure in a ring shape?
Yes
No
you have a cyclo alkene, Now find your longest chain count your carbons and use your prefix knowledge and use the suffix - ene
Don't forget Alphabetical Order and number the branches starting with the lowest number possible
you have an alkene, Now find your longest chain count your carbons and use your prefix knowledge and use the suffix cyclo - ene
Don't forget Alphabetical Order and number the branches starting with the lowest number possible
Are your branches going the same way?
yes
No
You have the Isomer Cis
While naming place before prefixes
You have the Isomer Trans
While naming place before prefixes
Are your branches going the same way?
yes
No
You have the Isomer Cis
While naming place before prefixes
You have the Isomer Trans
While naming place before prefixes
By: Chelsae & Alicia